

07/13/01  
Jc885 U.S. PTO

BOX PATENT  
Attorney Docket No. 24703

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Inventor: Katsumi TAKAOKA

Serial No. NOT YET ASSIGNED Filed: July 13, 2001

Title: RECURSIVE DISCRETE FOURIER TRANSFORMATION APPARATUS

Jc821 U.S. PTO  
09/903573  
07/13/01

TRANSMITTAL LETTER

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- (1) Transmittal Letter  
(2) PTO Form 1082  
(3) 66 page Application consisting of  
    44 Pages Textual Specification  
    11 Pages of 17 claims  
    1 page containing the Abstract of the Disclosure  
    10 sheets drawings  
(4) Executed Declaration/Power of Attorney  
(5) Assignment and Recordation Cover Sheet  
(6) Priority document no. P2000-217113  
(7) Priority document no. P2000-234131  
(8) Check No. 15146 \$ 1110.00 for filing fee  
(9) Check No. 15147 \$ 40.00 for recordation fee  
(10) Postcard for early notification of serial number  
(11) *Request for Priority*

The Commissioner is hereby authorized to charge any deficiency or credit any excess to Deposit Account No. 14-0112.

Respectfully submitted,  
NATH & ASSOCIATES PLLC

Date: July 13, 2001

By: *Gary M. Nath*

Gary M. Nath  
Registration No. 26,965  
Jerald L. Meyer  
Registration No. 41,194  
Customer No. 20529

NATH & ASSOCIATES PLLC  
1030 15<sup>th</sup> Street NW - 6<sup>th</sup> Floor  
Washington, D.C. 20005  
GMN/sjb:NewApp

09/903573-07/13/01

**NATH & ASSOCIATES PLLC**

*Attorneys at Law*

1030 Fifteenth Street, N.W.

Sixth Floor

Washington, D.C. 20005-1503

TELEPHONE (202) 775-8383

(202) 775-9393

FACSIMILE (202) 775-8396

(202) 822-9409

E-Mail: [ip@nathlaw.com](mailto:ip@nathlaw.com)

Web: [www.nathlaw.com](http://www.nathlaw.com)

*Gary M. Nath (DC, NJ)  
Harold L. Novick (DC, MD)  
Todd L. Juneau (DC, IL)*

*Irvin A. Lavine (DC), Retired  
Donald M. Sandler (MD), Retired\**

*Patent, Trademark and Copyright Causes  
Unfair Competition, Trade Secrets,  
Licensing and Litigation*

*\*Practice limited to Matters and Proceedings  
before Federal Courts and Agencies; not Admitted  
in DC*

*Michelle L. Hartland (VA)\*  
Lee C. Heiman (CA)\*  
Jerald L. Meyer (VA)\*  
Paul A. Sacher (MD)\*  
Marvin C. Berkowitz (GA)\*  
Tanya E. Harkins (MD)\*  
Joshua B. Goldberg (VA)\*  
Nahied K. Usman (VA)\*  
Todd W. Kunz (IL)\*  
Alvin E. Tanenholtz \*\*  
Roger C. Hahn\*\**

**\*\* Registered Patent Agent: not Admitted in DC**

**FORM PTO-1082**

**TRANSMITTAL FOR NEW U.S. PATENT APPLICATION**

Assistant Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Re: New U.S. Patent Application  
For: **RECURSIVE DISCRETE FOURIER TRANSFORMATION  
APPARATUS**  
Inventor(s): Katsumi TAKAOKA  
Attorney Docket: 24703

Sir:

Attached hereto is the application identified above, including:

1. 66 page Application consisting of
  - 44 Pages Textual Specification
  - 11 Pages of 17 claims
  - 1 page containing the Abstract of the Disclosure
  - 10 sheets drawings
2. Executed Declaration/Power of Attorney
3. Assignment and Recordation Cover Sheet

The Government filing fee\* is calculated as follows:

Total Claims . . . . .	17 - 20 = 0	x \$18.00 =	\$0.00
Independent Claims . . . . .	8 - 3 = 5	x \$80.00 =	\$400.00
Base Fee . . . . .			\$710.00
Multiple Dependent Claim Fee (\$260.00) . . . . .			\$0.00
Subtotal . . . . .			\$1110.00

**TOTAL FILING FEE\***

(accounting for possible small entity status) . . . **\$1110.00**

00003573 074304

\_\_\_ \*Reduced by one-half, as applicant(s) is/are a "small entity".  
A Declaration Claiming Small Entity Status:

\_\_\_ is submitted herewith;

\_\_\_ will be filed at a later date.

xx Foreign priority is claimed under 35 U.S.C. § 119 from  
Japanese Patent Application(s) No. P2000-217113 dated July 18,  
2000 and P2000-234131 dated August 2, 2000.

\_\_\_ Priority document(s) will be submitted at a later date.

X Priority document(s) is/are submitted herewith.

\_\_\_ Executed Declaration(s) will be submitted at a later date  
pursuant to 37 CFR § 1.41 and § 1.53, with an appropriate  
surcharge under 37 CFR § 1.16(e).

xx Formal drawing(s) is/are attached.

\_\_\_ Formal drawing(s) will be submitted at a later date.

xx Assignment document(s) is/are submitted herewith; the recorda-  
tion fee of \$40.00 per document is enclosed herewith.

\_\_\_ Assignment document will be submitted at a later date.

\_\_\_ A Verified Translation will be submitted at a later date.

\_\_\_ No payment is enclosed at this time. Full payment will be  
made when the executed Declaration is submitted.

xx Submitted herewith is a check in the amount of \$1110.00. The  
Commissioner is hereby authorized to charge any deficiency or  
credit any excess to Deposit Account No. 14-0112.

Respectfully submitted,  
NATH & ASSOCIATES PLLC

Date: July 13, 2001

By: \_\_\_\_\_

*Gary M. Nath*  
Gary M. Nath  
Registration No. 26,965  
Jerald L. Meyer  
Registration No. 41,194  
Customer No. 20529

NATH & ASSOCIATES  
1030 15<sup>TH</sup> Street NW - 6<sup>th</sup> Floor  
Washington, D.C. 20005  
(202)-775-8383  
GMN/sjb (1082)

#2  
103-01cd

BOX PATENT  
Attorney Docket No. 24703

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Inventor: Katsumi TAKAOKA

Serial No. NOT YET ASSIGNED Filed: July 13, 2001

Title: RECURSIVE DISCRETE FOURIER TRANSFORMATION APPARATUS



REQUEST FOR PRIORITY UNDER 35 U.S.C. §119

**BOX PATENT APPLICATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

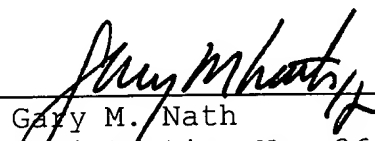
In the matter of the above-captioned application, notice is hereby given that the Applicant claims as priority date July 18, 2000 the filing date of the corresponding application filed in JAPAN, bearing Application Number P2000-217113 and priority date August 2, 2000 the filing date of the corresponding application filed in JAPAN, bearing Application Number P2000-234131..

A Certified Copy of the corresponding application is submitted herewith.

Respectfully submitted,  
NATH & ASSOCIATES PLLC

Date: July 13, 2001

By: \_\_\_\_\_

  
Gary M. Nath  
Registration No. 26,965  
Jerald L. Meyer  
Registration No. 41,194  
Customer No. 20529

**NATH & ASSOCIATES PLLC**  
6<sup>TH</sup> Floor  
1030 15<sup>th</sup> Street, N.W.  
Washington, D.C. 20005  
(202)-775-8383  
GMN/sjb (Priority)